

Agenda for discussions in the 43rd meeting of the STU Coordination Committee to be held under the chairmanship of Addl. Chief Secretary (MPP & Power)

1. **Evacuation arrangement for Beaskund HEP (9 MW) & other SHPs in Palchan valley:-**

a) **33/220 kV, 31.5 MVA sub station in the yard of Allain Dhuangan HEP :**

- In its 42nd meeting held on 15.12.2015, HPSEBL informed that final view on the point (s) of drawl by HPSEBL is yet to be taken as the issue, which has commercial implications on HPSEBL, needs to be discussed with ADHPL first. It was informed that in this context, a meeting with ADHPL is scheduled to be held in the 3rd week of December, 2015.

HPSEBL may update the Committee.

- **HPPTCL** shall update the committee on the progress of stalled construction activities at the site of 33/220 kV sub station in the yard of Allain Dhuangan HEP. Currently, Beaskund HEP (9 MW) is commissioned and is evacuating its partial power through 33 kV lines of HPSEBL. Full evacuation shall be done after implementation of following transmission projects by HPPTCL:

Sr. No.	Name of Transmission Project	Implementing Agency/ Source of funding	Upcoming generation based on connectivity application received	Target COD	Revised COD	Reasons for slippage
1	33 kV GIS switching station at Palchan	HPPTCL/ KfW	1. Beaskund HEP (9 MW)-Completed 2. Bhang (9 MW)-- Original application indicated COD as			

			<u>30.6.2016. Revised COD to be given by Developer</u>			
			3. Serai (2 MW)- Original application indicated COD as <u>30.9.2016. Revised COD to be given by Developer</u>			
2.	33 kV Palchan-Prini (ADHPL yard) D/C line	HPPTCL/ KfW				
3	33/220 kV, 31.5 MVA sub station in the yard of Allain Dhuangan HEO	HPPTCL/ (Equity/ REC)				

2. Construction of Transmission Projects to be built by HPPTCL with Financial assistance by ADB and KfW in Different river basins: -

Progress review of Transmission Projects being built by HPPTCL with financial assistance by ADB, KfW and Domestic funding agencies:

Sr. No.	Name of Transmission Project/Distt	Implementing Agency/ Source of funding	Upcoming generation based on connectivity application received	Target COD as committed in 42 nd STU meeting on 15.12.2015	Revised COD	Reasons for slippage
A	SATLUJ BASIN					
1	<u>22/66/220 kV, (22/66 kV, 2x10 MVA+66/220 kV, 31.5 MVA)</u>	HPPTCL/ ADB_Tr-I	1. Shyang (3 MW)- Completed 2. Tangling (5 MW)- Completed 3. Shaung (interim) (3 MW)--completed	22/66 kV- <u>31.3.2016</u>		

	<u>Pooling station at Bhoktoo +LILO of one circuit of 220 kV Kashang-Bhaba Line/ Kinnaur</u>		4 Brua (Interim) (9 MW) - Completed 6. Tidong-I (100 MW) Original application indicated COD as <u>31.12.2013. Revised COD to be given by Developer</u> 7. Kashang (3x65 MW)- Original application indicated COD as <u>31.1.2013 Revised COD to be given by Developer</u>	66/220 kV, 31.5.2016		
2.	220 kV Kashang-Bhaba D/C Line/ Kinnaur	HPPTCL/ Domestic		31.1.2016		
3.	<u>66 kV GIS Switching station at Urni (Revised Time Line- January, 2016/ Kinnaur</u>	HPPTCL/ ADB_Tr-II	8. Raura (12 MW)- Original application indicated COD as <u>31.1.2017 Revised COD to be given by Developer</u> 9. Shaung (final) (3 MW)--completed 10 Brua (final) (9 MW) - Completed	31.3.2016		
4.	<u>66 kV Urni-Wangtoo D/C Line / Kinnaur</u>	HPPTCL/ ADB_Tr-II		--		
5.	<u>66/220 kV, 2x80/100 MVA+220/400 kV, 2x315 MVA P.S at Wangtoo+ LILO</u>	HPPTCL/ ADB_Tr-I	11. Rala (13 MW)- Original application indicated COD as <u>Dec, 2012. Revised COD to be given by Developer</u>	220 kV- Feb- 2017 400 kV- August, 2017		

	<u>of both circuits of 220 kV and 400 kV Lines/ Kinnaur</u>					
6	<u>66/22 kV GIS sub station at Nirmand/ Kullu</u>	HPPTCL/ ADB_Tr-III				
7	<u>66 kV Nirmand-Kotla D.C line</u>	HPPTCL/ ADB_Tr-III				
B	PABBAR BASIN					
1	22/132 kV sub station in/close to the yard of Tangnu Romai-I (44 MW) HEP	HPPTCL/ (KfW)	1. Tangnu Romai-I (44 MW)- Original application indicated COD as <u>30.6 2014.</u> <u>Revised COD to be given by Dev. Of project</u>			
2	132 kV D/C line from Tangnu Romai HEP to 132/220 kV Sunda sub station	HPPTCL/ (KfW)	2. Tangnu Romai-II (6 MW)- Original application indicated COD as <u>30.6 2012.</u> <u>Project commissioned and is evacuating power through HPSEBL system as Interim measures.</u>			
3	33/132 kV, 31.5 MVA sub station near Rupin HEP	HPPTCL/ (KfW)	3. Rupin (45 MW)- Original application indicated COD as <u>----</u> . <u>Revised COD to be given by Dev. Of project</u>			
4	132 kV Rupin – Sunda D/C line	HPPTCL/ (KfW)				
5	66/220 kV, 80/100 MVA sub station at Sunda sub	HPPTCL/ (KfW)				

	station with LILO of 66 kV Samoli-Andhra line					
6	132/220 kV, 2x100 MVA sub station at Sunda	HPPTCL/ ADB_Tr-II	4. Dhamwari Sunda (70 MW)- Original application indicated COD as <u>30.6 2012</u>			
7	220 kV Sunda-Hatkoti D/C line	HPPTCL/ ADB_Tr-II		30.4.20 17		
2	220 kV Switching station at Hatkoti	HPPTCL/ ADB_Tr-III	5. Paudital Lassa (24 MW)- Original application indicated COD as <u>31.3 2015.</u> <u>Revised COD to be given by Dev. Of project</u>			
8	220 kV Snail-Hatkoti D.C line	HPPTCL/ (KfW or REC)	6. Sawra-Kuddu (111 MW)- Original application indicated COD as <u>Dec, 2012.</u> <u>Revised COD to be given by HPPCL.</u>			
9	220 kV D/C High Capacity Line from Hatkoti to 220/400 kV P.S near Pragati Nagar	HPPTCL/ Tr-I		30.6.20 17		
10	<u>220/400 kV, 315 MVA P.S near Pragati Nagar+ LILO of both circuits of 400 kV Jhakri-Abdullapur D/C</u>	HPPTCL/ ADB_Tr-I		31.3. 2017		

	<u>Line</u>					
11	Addl. 220/400 kV, 315 MVA GIS Transformer at Gumma	HPPTCL/ (KfW)				
C	BEAS BASIN					
1	<u>Construction of 33/220 kV GIS Sub Station at Phojal in Naggar Valley / Kullu</u>	HPPTCL/ (REC)	<p>1. Baragaon (24 MW)- project completed and evacuating partial power through 233 kV system of HPSEBL</p> <p>2. Kesta (3 MW)- Original application indicated COD as <u>Dec, 2012.</u> <u>Revised COD to be given by developer.</u></p> <p>3. Baloot fozal- Original application indicated COD as <u>Dec, 2018.</u></p> <p>4. Fozal (rev. capacity-16 MW)</p>			
2	<u>220 kV line from Phojal to LILO point/ Kullu</u>	HPPTCL/ (REC)				
3	<u>33/132 kV GIS SS at Barsaini/ Kullu</u>	HPPTCL/ ADB_Tr-III	<p>Balarga (9 MW)- Original application indicated COD as <u>31.10, 2013.</u> <u>Revised COD to be given</u></p>			

			<u>by developer</u>			
4	<u>132 kV Barsaini-Charor D/C line/ Kullu</u>	HPPTCL/ ADB_Tr-III				
5	<u>132/220 kV, 100 MVA GIS SS at Charor/ Kullu</u>	HPPTCL/ ADB_Tr-II				
6	<u>220 kV Charor-Banala D/C line/ Kullu</u>	HPPTCL/ ADB_Tr-II		31.12.2016		
7	<u>33/132 kV, 31.5 MVA GIS SS at Pandoh/ Mandi</u>	HPPTCL/ ADB_Tr-I				
8	<u>132/220 kV, 2x100 MVA GIS SS at Patti/ Kangra</u>	HPPTCL/ KfW				
9	<u>220 kV Dehra-Hamirpur (PG) D.C line</u>	HPPTCL/ KfW				
10	<u>33/132 kV, 2x31.5 MVA GIS SS at Chambi/ Kangra</u>	HPPTCL/ ADB_Tr-I	44 MW of small HEPs which can not be evacuated through existing HPSEBL system			
11	<u>LILO of 132 kV Dehra-Kangra line at Chambi</u>	HPPTCL/ ADB_Tr-II				
12	<u>Addl. 33/132 kV, 31.5 MVA transformer at Pandoh/ Mandi</u>	HPPTCL/ KfW				
13	<u>Addl 33/220 kV, 100 MVA</u>	HPPTCL/ KfW				

	<u>transformer at Charor</u>					
HPSEBL WORKS						
14	<u>33 Kv Baner-Drang-Kangra line/ Kamgra</u>	HPSEBL	System strengthening	31.3.2017		
15	<u>33 kV Maranda-Nagrota-Kangra line/ Kamgra</u>	HPSEBL	----do---	31.3.2017		
16	<u>33 kV Baner-Sidhpur-Kangra line/ Kamgra</u>	HPSEBL		31.12.2016		
17	<u>33 kV Baijnath-Bassi line/ Kangra</u>	HPSEBL				
D	RAVI BASIN					
1	<u>33/220 kV, 50/63 MVA GIS sub station at Karian / Chamba</u>	HPPTCL/ REC	Kurtha-5 MW- Belij-5 MW Balij Ka Nalla-3.5 MW Dunali-5 MW	Commi ssioned on 33 kV level		
2	220 kV S/C line on D/C towers between Karian and 400/220 kV Chamera pooling station (PG)/ Chamba	HPPTCL/ REC	All the projects have been commissioned and partial evacuation is being done through HPSEBL existing 33 kV lines			
3	33/220/400 kV GIS SS at Lahal/ Chamba	HPPTCL/ ADB_Tr-II	Bajoli Holi (180 MW) Original application indicated COD as <u>June, 2018.</u> <u>Revised COD to be given by Dev. Of project Ketehr-240 MW-</u> Original	220 kV-31.10.2017 400 kV-30.6.20		

			<p>application indicated COD as <u>August, 2017.</u> <u>Revised COD to be given by Dev. Of project Holi-II (7 MW)-</u> Original application indicated COD as <u>April, 2016.</u> <u>Revised COD to be given by Dev. Of project Kiunr (5 MW)-</u> Original application indicated COD as <u>July, 2015</u> <u>Revised COD to be given by Dev. Of project Dera (5 MW)-</u> Original application indicated COD as <u>30.4. 2017</u> <u>Tulang , Kurhed and Chirchind (5 MW) have been commissioned and partial evacuation is being done through existing 33 kV lines of HPSEBL</u></p>	18		
4	220 kV S/C line on D/C towers between Lahal and Budhil HEP/ Chamba	HPPTCL/ ADB_Tr-II				
5	220 kV D/C line from Bajoli Holi to Lahal/ Chamba	HPPTCL/ ADB_Tr-III				
6	400 kV D/C line from Lahal to 400/220 kV Chamera P.S (PG)/ Chamba	HPPTCL/ ADB_Tr-III				

7	66/220 kV GIS SS at Heling with LILO of one circuit of 220 kV Bajoli Holi-Lahal D/C line	HPPTCL/ KfW	Kuwarsi-II (15 MW) Salun (9 MW) Chate Ka Nalla (9 MW) Toral Kundli (18 MW) –application received for a total of 51 MW- COD as per application is 28.2.2017			
8	132/220 kV GIS sub station at Mazra / Chamba	HPPTCL/ ADB_Tr-III	Chanju_I (36 MW) - Original application indicated COD as <u>July, 2015</u> <u>Revised COD to be given by Dev. Of project</u> Deonthal Chanju (18 MW) Chanju-III (33 MW)- COD_31.12.2020			
9	220 kV Mazra-Karian D/C line	HPPTCL/ ADB_Tr-III				
10	33 kV Holi-Gharola D/c line	HPSEBL	System Strengthening	31.3.2017		
11	33 kV Bharmour-Gharola D/C line	HPSEBL	-----do-----	31.7.2016		

3. Construction of 132 kV dedicated line for evacuation of power of Chanju-III (48 MW) and Deonthal Chanju (30 MW) HEP s of HPPCL by HPPTCL:

Chanju-III and Deonthal Chanju HEPs are under implementation by HPPCL and power of these projects shall be evacuated through 132 kV dedicated line up to Chanju-I (36 MW) HEP and further in joint mode up to 132/220 kV sub station of HPPTCL planned at Majra. HPPCL has requested HPPTCL to take up the survey and construction of 132 kV dedicated line of these projects and also requested to include it in the agenda for discussions in the meeting of STU Coordination Committee.

Committee may deliberate on construction of dedicated lines of generators.